

AMENDMENTS TO ABSTRACT

Please delete the Abstract of the Invention submitted as Attachment A to the Preliminary Amendment filed on November 2, 2005, and replace it as follows:

The invention relates to a method for improving the solubility of non-starch polysaccharides in vegetable material, comprising crushing the material by mechanical energy to form particles. The particles of the non-starch polysaccharides produced by the crushing are smaller than that of the initial cell containing the polysaccharides. Disruption of the cells allows interaction between the dissolving medium and the polysaccharides, increasing the solubility thereof. The crushing can be performed under a joint effect of pressure, heat and shearing forces, including extrusion, expansion and homogenization under pressure; and the vegetable materials may be oat, rye and fractions of these. The solubility and dissolution circumstances of the product can be adjusted by mixing the material to be crushed with an ingredient rich in amylopectin.